

SHOULD A BABY HAVE ITS GENOME SEQUENCED?

Should a baby have its genome sequenced at birth?

What are the medical impacts (good and bad)?

What are the societal impacts (good and bad)?

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- **How would this work in practice?**
(e.g. compulsory, an opt in system, based on family medical history)
- **Who pays for this?**
(e.g. governments, individuals)
- **Who has access to the data?**
(e.g. babies, parents, caregivers, doctors)

What are the medical impacts (good and bad)?

- **What if there are increased chances of developing a condition that there is no treatment for?**
(e.g. very little is a certainty, knowing can lead to worry)
- **Should the data be used by companies for research too?**
(e.g. potentially speeding up new treatment discovery)
- **Can the findings currently be acted upon?**
(e.g. do all medical professionals understand genomics)

What are the societal impacts (good and bad)?

- **Should you then change the DNA?**
(e.g. treatments being more than just traditional medical)
- **Would you only change health related genes?**
(e.g. make designer babies)
- **What unintended findings might you uncover?**
(e.g. parentage, parent's health conditions)

ANDY'S UNEXPECTED PATERNITY RESULTS

Should DNA test results be shared with someone's family?

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Should DNA test results be shared with someone's family?

- **Who should decide this?**
(e.g. doctors, DNA sequencing company, the person themselves)
- **How do you know the DNA test is correct?**
(e.g. the test is only as good as the method used)
- **Who gives consent?**
(e.g. the person having the test done, the people the information relates to)

What are the medical impacts (good and bad)?

- **Would you be able to get more accurate medical data?**
(e.g. biological family medical history)
- **Are the right support systems in place to deal with this?**
(e.g. emotional and mental health support)
- **Does this lead to the 'rich' having more access to healthcare than others?**
(e.g. these commercial tests are still relatively expensive)

What are the societal impacts (good and bad)?

- **Who has the right to know?**
(e.g. doctor patient confidentiality, extended family, official records)
- **Could you find things out about other people without their permission?**
(e.g. taking a sample from someone else and using the service)
- **Does it give you a sense of identity?**
(e.g. ancestry, community)